

ABSTRACT

A method for converting a data stream in a first format into a data stream in a second format is provided. Each stream includes data packs in which video/audio data are stored and a control pack for use in a playback control of the stream. In the first format stream, address information, representing addresses of the data packs and not required while the stream is played back, is present and associated with the stream. In the second format stream, address information, representing addresses of the data packs and required while the stream is played back, is stored in the control pack. The method includes the steps of: acquiring the first format stream and its associated address information; generating a second control pack in the second format from a first control pack in the first format, the second control pack storing the address information acquired; and replacing the first control pack with the second control pack, thereby generating the second format stream from the first format stream.